

REMARKS

Claims 39-58 are currently pending in the application. Of these claims, claims 39, 48, 53, and 56 are independent.

Objection to Abstract

The amended abstract mailed May 12, 2005 is objected to because it does not appear on a separate sheet.

Applicant respectfully submits this objection is overcome by the attached separate sheet containing a replacement Abstract. Applicant therefore respectfully requests that this objection be withdrawn.

Claim Rejections

Claims 20-24, 27-31, and 34-37 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,870,581 to Redford ("Redford") in view of the *IA-64 Application Developer's Architecture Guide* by Intel ("Intel") and *Computer Architecture: A Quantitative Approach* by Patterson and Hennessy ("Patterson").

Claims 25-26, 32-33, and 38 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Redford in view of Intel and Patterson and further in view of U.S. Patent No. 5,179,685 to Nojiri ("Nojiri").

Because claims 20-38 have been canceled without prejudice or disclaimer, Applicant respectfully submits these rejections are no longer applicable.

New Claims

New independent claims 39, 48, 53, and 56 recite a write of predicate values to a second register file in response to a first instruction and an access of a first register file in response to a second instruction pending with the first instruction and having a data dependency with the first instruction.

Applicant respectfully submits none of Redford, Intel, Patterson, or Nojiri, whether alone or in any combination with one another, taught or suggested such claimed feature(s).

Noting the remaining new claims depend from independent claim 39, 48, 53, or 56, Applicant therefore respectfully submits new claims 39-58 are patentable.

Note that there may be additional reasons for the patentability of claims. For example, there may be additional reasons why the dependent claims are patentable.

It is respectfully submitted this patent application is in condition for allowance, for which early action is earnestly solicited.

The Examiner is invited to telephone the undersigned to help expedite the prosecution of this patent application.

Respectfully submitted,

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